

Employment and Earnings of Participants in Selected Alaska Training Programs-FY 1997

A Report Prepared for the Alaska Human Resource Investment Council
Alaska Department of Labor, Research and Analysis Section

Prepared by: Jeff Hadland, Economist

January 29, 1999

Overview

Recently enacted legislation amended AS 44.19.626 to require that the Alaska Department of Labor evaluate certain employment related training programs to determine the employment status and earnings of program participants after completion of the program. As part of that effort program completer data for state fiscal year 1997 was requested from several state agencies. FY 1997 data was requested so that one year of post-training earnings data could be analyzed.

Since this evaluation process is new, not all state agencies had program completer data for FY 1997 available for analysis. For instance, FY 1997 data was not available for the new Alaska Temporary Assistance Program, so FY 1996 JOBS program participants were examined instead.

The University of Alaska requested that we analyze vocational education student participants from FY 1997 as part of the evaluation process and their post-training employment and earnings information is provided as part of this report.

Programs Evaluated

- Alaska Technical Center in Kotzebue
- Alaska Vocational Technical Center in Seward
- FY 96 JOBS program data
- NAFTA/TAA program participants
- University of Alaska Vocational Education Students
- All JTPA programs
- State Training and Employment Program (STEP)

Methodology

Agencies provided program participant social security number, exit date, training characteristic and demographic data for all participants that exited the program during FY 1997 (unless otherwise noted).

The legislation requires the Department of Labor to report on the employment and earnings of program participants in months 7 through 12 following exit from the programs. To obtain this data, quarterly unemployment insurance wage records were examined for the third and fourth quarter following the quarter in which the training participant exited the program. Data for months 1 through 12 (the first through fourth quarter following exit from the program) were also examined in order to obtain a more complete picture of employment outcomes. When available, the type of training provided was compared to the occupation in which the training program participant earned the most money during the post-training period.

Record Matching

Program completer data was obtained in December, 1998 and each agency's files were matched to Alaska Department of Labor wage records.

Summary of Findings

Outcome Statistics for Selected Alaska Training Programs-FY 1997 Third and Fourth Quarter Post-Training Employment and Earnings						
Training Program	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
AK Tech-Kotzebue	216	157	72.7	\$1,914,581	276	\$6,937
AVTEC-Seward	1,216	888	73.0	16,236,818	1,624	9,998
FY 96 JOBS	2,145	1,072	50.0	6,667,208	1,838	3,627
NAFTA/TAA	65	33	50.8	490,043	60	8,167
Univ. of Alaska –Voc. Ed	1,065	717	67.3	7,919,187	1,295	6,115
JTPA-Title II-A	506	328	64.8	2,155,044	576	3,741
JTPA-Title II-B	834	396	47.5	678,031	600	1,130
JTPA-Title II-C	158	83	52.5	348,067	137	2,541
JTPA-5% Older Worker	24	9	37.5	49,508	16	3,094
JTPA-8% Voc. Ed.	192	94	49.0	181,080	144	1,257
JTPA-Sec. National Reserve	92	52	56.5	479,164	91	5,266
JTPA-Title III	318	207	65.1	2,492,027	380	6,558
STEP	1,187	864	72.8	7,947,468	1,511	5,260
Note: Includes an unduplicated count of individuals within a program. One individual may participate in more than one program. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Each program's participants were matched with every other program to determine the number of individuals that participated in more than one program. The same individual may appear in several programs. For example, based upon the following table, there were 1,216 AVTECH participants exiting the program in FY 1997. Nine of those individuals also participated in the JTPA Title II-A program and three took a University of Alaska vocational education course.

Cross Program Matrix of Training Program Participants Exiting Training Programs in FY 1997													
Program	AK Tech- Kotzebue	AVTEC- Seward	FY 96 JOBS	NAFTA/ TAA	Univ. of Alaska Vocational Ed	JTPA- Title II-A	JTPA- Title II-B	JTPA- Title II-C	JTPA-5% Older Worker	JTPA-8% Voc. Ed.	JTPA-Sec. National Reserve	JTPA- Title III	STEP
AK Tech-Kotzebue	216	2	1	0	0	10	0	2	0	0	0	1	3
AVTEC-Seward	2	1,216	1	0	3	9	4	5	0	0	0	5	59
FY 96 JOBS	1	1	2,145	0	13	18	2	2	0	1	0	1	14
NAFTA/TAA	0	0	0	65	7	0	0	0	0	0	21	13	12
Univ. of Alaska –Voc. Ed	0	3	13	7	1,065	8	1	2	0	0	8	8	15
JTPA-Title II-A	10	9	18	0	8	506	0	0	1	0	0	7	51
JTPA-Title II-B	0	4	2	0	1	0	834	18	0	18	0	0	3
JTPA-Title II-C	2	5	2	0	2	0	18	158	0	15	0	0	7
JTPA-5% Older Worker	0	0	0	0	0	1	0	0	24	0	0	2	4
JTPA-8% Voc. Ed.	0	0	1	0	0	0	18	15	0	192	0	0	0
JTPA-Sec. National Reserve	0	0	0	21	8	0	0	0	0	0	92	2	2
JTPA-Title III	1	5	1	13	8	7	0	0	2	0	2	318	94
STEP	3	59	14	12	15	51	3	7	4	0	2	94	1,187
Source: Alaska Dept. of Labor, Research and Analysis Section													

Recommendations

Based upon the findings from this first program evaluation research project the Alaska Department of Labor recommends the following:

- Followup surveys should be conducted of training program completers and their employers to determine the perceived quality of the training programs and the trained workers. Funding was not available to conduct surveys this year. With new funding, survey form and sampling design work could be conducted in order to identify a cost effective way to obtain participant and employer information
- All training agencies should maintain consistent codes indicating the vendor and type of training provided for each program participant. This training information would allow for ready comparison of the number of workers trained with the number of likely openings for an occupation, the number of nonresidents hired in particular occupations, and the total number of new hires in occupations as well as allow for tracking outcome statistics for training contractors over time.
- Detailed program participant data should be maintained by agencies including the types of training and services provided and Adult Basic Education participation.
- More training programs should be evaluated. With a comprehensive statewide database of training participants, a better picture of inter-program linkages and outcomes over time can be obtained.
- Training start date information should be provided to the Department of Labor to determine earnings prior to training for comparison with post-training earnings.
- Agency reports should be customized to reflect unique program characteristics. For instance, there may be a natural training track that individuals would follow that may not immediately result in earnings in the one-year post training period. Additional time periods could be examined to better describe the program outcome.
- The Department of Labor should obtain employment and earnings data from other Alaska agencies and other states in order to provide a more comprehensive look at employment outcomes. Additional data include employment and earnings data from other Pacific Northwest states and federal/military agencies. Business and occupational license data can be examined in order to present a clearer picture for occupation groups that include a significant number of self employed workers.
- The Department of Education should instruct all grantees for Adult Learning and Carl Perkins to request social security numbers from all participants served by grants.
- The Department of Community and Regional Affairs should maintain more detailed client training and service data including cost and vendor information for the JTPA and STEP programs in order to better determine the mix of services that lead to client success.

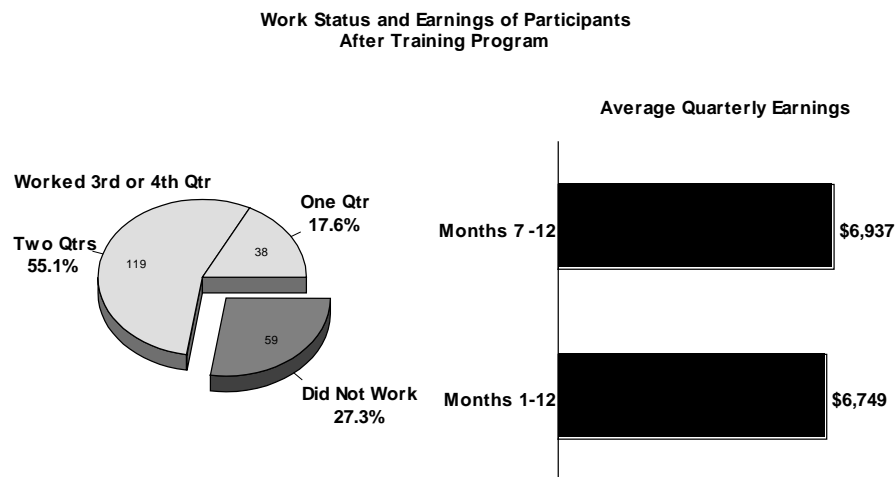
Alaska Technical Center-Kotzebue

The Alaska Technical Center is an adult vocational school designed to meet the vocational and technical training needs of rural Alaskans. The Alaska Technical Center currently has four core program areas: office occupations, building industrial technology, industrial mine maintenance, and health occupations. In addition, the Alaska Technical Center provides Adult Basic Education, GED programs and a wide variety of short-term training during the year.

Based upon data provided by the Center, in FY 1997, a total of 216 individuals attended 318 separate classes in 23 program areas. The classes ranged from commercial driver's license preparation to birch bark basket making. Approximately 56 percent of those exiting the Center in FY 1997 were females and participants had an average age of 33.

Outcome Data

- During the third and/or fourth quarter following their exit from a Kotzebue Technical Center training program, nearly 73 percent of the program participants were reported as working in wage and salary employment¹.
- For those program participants that were employed, the program participants earned an average of \$6,937 per quarter during the third and fourth quarter following training.
- During the four quarters following exit from a training program, 81.5% of the participants worked one or more quarters of the year and earned an average of \$6,749 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the training program were nearly \$3.87 million.
- Based upon a match of training participants with the Occupational Data Base², 27.2% of the employed program participants were identified as working in the third and/or fourth quarter following training in an occupation related to their course of study.



Kotzebue Technical Center Participants-FY 1997 Post Training Wage and Salary Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	216	157	72.7	\$1,914,581	276	\$6,937
Months 1 to 12	216	176	81.5	3,867,402	573	6,749
Note: Includes only participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Employed Participant Characteristics

- 67.5% of those employed during the third and fourth quarter following training were employed in the private sector.
- 83.3% of those working were employed in the Northwest Arctic Borough, with the remainder employed in Nome (7.6%), Yukon-Koyukuk (2.3%), Anchorage (2.3%), Bethel (1.5%) and other areas.
- Based upon wage record data, the top reported occupations include teacher aides, nursing aides, janitors/cleaners, secretaries, and administrative assistants.
- Approximately 50 percent were employed in health or educational services.

Kotzebue Technical Center Participants-FY 1997 Post Training Employment and Earnings During Third and Fourth Quarter After Training By Training Program (participants may be in more than one program)						
Training Program	Total Participants w/SSN	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Avg. Earnings Per Quarter
Accounting Clerk	8	6	75.0	\$21,098	10	\$2,110
Automated Accounting	1	1	100.0	ND	ND	ND
Basic Health Care Technology	1	1	100.0	ND	ND	ND
Basic Skills	25	17	68.0	107,614	29	3,711
Birch Bark Basket Making	14	11	78.6	330,378	22	15,017
CDL Preparation	21	17	81.0	250,733	32	7,835
Certified Nurses Assistant	27	23	85.2	218,470	42	5,202
Clerk/Receptionist	5	3	60.0	6,204	5	1,241
Community 1st Aid & Safety	8	3	37.5	7,344	3	2,448
Construction Trades	14	9	64.3	54,596	17	3,212
Electrical Trades	17	11	64.7	73,933	20	3,697
GED Graduates	27	14	51.9	121,317	25	4,853
Hazwoper Refresher Course	9	8	88.9	127,492	15	8,499
Heating Systems	20	15	75.0	83,227	25	3,329
Intro to Computers	10	8	80.0	127,473	16	7,967
Medical Terminology	4	3	75.0	35,094	6	5,849
Oil Fired Burners	31	25	80.6	202,624	43	4,712
Plumbing Systems	14	11	78.6	80,540	20	4,027
Records Mgmt & Sec Skills	20	16	80.0	181,104	28	6,468
Secretarial	4	3	75.0	29,720	5	5,944
Standard 1 st Aid/ CPR	18	14	77.8	150,453	14	10,747
Supervisory Skills	18	11	61.1	167,312	20	8,366
Vessel Comm. License Prep.	2	2	100.0	ND	ND	ND
Note: Earnings data suppressed for programs with fewer than five participants. ND=Nondiscloseable. Source: Alaska Dept. of Labor, Research and Analysis Section.						

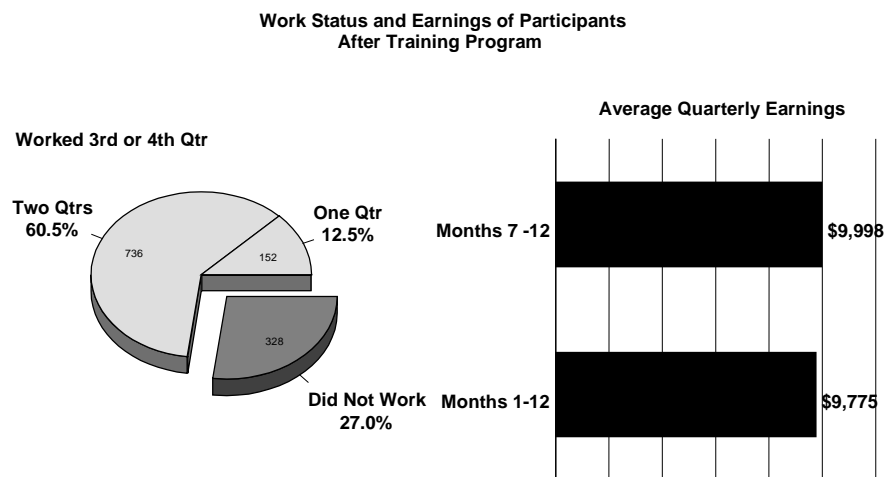
Alaska Vocational Technical Center-Seward

AVTEC provides technical and related training in Seward to students from throughout Alaska.

In FY 1997, a total of 1,216 individuals with social security numbers were identified from 1,467 training program records. The average age of AVTEC program participants was 36 in FY 1997. Slightly more than 82 percent of the participants were male. Approximately 86 percent of program participants were identified as residents based upon a match with the 1997 and 1998 permanent fund dividend files.

Outcome Data

- During the third and/or fourth quarter following their exit from an Alaska Vocational Technical Center training program, 73 percent of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$9,998 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 79.9% of the participants worked one or more quarters of the year and earned an average of \$9,775 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$32.1 million.
- For those that were employed in the third and fourth quarter following training and for whom current occupation data was available, 53.6% were employed in an occupation that was directly related to the course of study.



Alaska Vocational Technical Center Participants-FY 1997 Post Training Wage and Salary Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	1,216	888	73.0	\$16,236,818	1,624	\$9,998
Months 1 to 12	1,216	972	79.9	32,081,666	3,282	9,775
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- 78.5% of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 23.9% of those working were employed in Anchorage, 20.6% in Kenai, 18.4% on the North Slope and the remainder in virtually every part of Alaska.
- Approximately 25 percent of AVTEC workers were employed in mining, 21.5% in state or local government, 11.1% in construction.

AVTEC Participants-FY 1997 Post Training Employment and Earnings During Third and Fourth Quarter After Training By Training Program (participants may be in more than one program)						
	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
ABLE SEAMAN	5	3	60.0	\$46,783	6	\$7,797
ADVANCED I/M	52	32	61.5	615,501	64	9,617
ADVANCED REFRIG	1	1	100.0	N.D	N.D	N.D
ALUM. BOAT FAB.	17	11	64.7	51,942	17	3,055
APPRENTICE YR 3	8	4	50.0	30,897	6	5,149
ARPA OPERATION	28	6	21.4	193,939	12	16,162
AUTO MODIFIED	2	0	0.0	N.D	N.D	N.D
AUTO TECHNOLOGY	18	10	55.6	35,780	15	2,385
BAKING MODIFIED	2	2	100.0	N.D	N.D	N.D
BASIC ELECTRIC	1	1	100.0	N.D	N.D	N.D
BASIC LIFE SUPP	27	21	77.8	126,340	31	4,075
BASIC WC SUBSEA	6	5	83.3	195,782	10	19,578
BASIC WC SURFAC	52	51	98.1	2,160,041	99	21,819
BOILER/FIREMAN	1	1	100.0	N.D	N.D	N.D
BUS INSTR REFUSH	8	6	75.0	97,284	12	8,107
BUSINESS&OFFICE	52	28	53.8	125,653	46	2,732
CAREER EXPLOR.	1	0	0.0	N.D	N.D	N.D
CARPENTRY/W-COR	4	4	100.0	N.D	N.D	N.D
CARPENTRY I, CORR	2	0	0.0	N.D	N.D	N.D
CARPENTRY II COR	1	0	0.0	N.D	N.D	N.D
CARPENTRY IV COR	1	1	100.0	N.D	N.D	N.D
CARPENTRY III COR	1	1	100.0	N.D	N.D	N.D
CDL TRAINING	10	7	70.0	64,288	11	5,844
CELESTIAL NAVIG	2	1	50.0	N.D	N.D	N.D
COM BAKING TECH	12	9	75.0	28,502	12	2,375
COMPUT LITERACY	25	17	68.0	163,918	28	5,854
CPR-ADULT	33	10	30.3	64,135	17	3,773
DC ELEC. REMOTE	17	14	82.4	205,363	27	7,606
DECKHAND TRNING	15	11	73.3	22,500	13	1,731
DIESEL ENG TECH	20	14	70.0	64,740	23	2,815
ELEC I, CORR	16	13	81.3	182,391	25	7,296

AVTEC Participants-FY 1997 Post Training Employment and Earnings During Third and Fourth Quarter After Training By Training Program (participants may be in more than one program)						
	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
ELEC APPRNT YR1	28	27	96.4	367,884	52	7,075
ELEC APPRNT YR2	12	12	100.0	198,832	24	8,285
ELEC APPRNT YR3	3	2	66.7	N.D	N.D	N.D
ELEC SYSTM,CORR	1	1	100.0	N.D	N.D	N.D
ELECTR NAV SYS	35	18	51.4	291,616	33	8,837
ELECTRC III COR	5	5	100.0	115,023	9	12,780
ELECTRCL II COR	6	6	100.0	121,638	12	10,136
ELECTRCL IV COR	2	2	100.0	N.D	N.D	N.D
EMT I	34	29	85.3	205,292	47	4,368
EMT II	4	3	75.0	N.D	N.D	N.D
EMT II RECERT	2	1	50.0	N.D	N.D	N.D
EMT III	3	2	66.7	N.D	N.D	N.D
EMT III RECERT	6	4	66.7	16,442	7	2,349
EMT RECERT.	11	9	81.8	174,139	17	10,243
ENGLISH	3	1	33.3	N.D	N.D	N.D
ESL	6	2	33.3	15,788	3	5,263
F.S. APPRNT-YR1	9	2	22.2	3,111	2	1,555
F.T. MODIFIED	2	0	0.0	N.D	N.D	N.D
FACILITY MAINT	11	6	54.5	17,681	9	1,965
FIRST AID & CPR	29	16	55.2	326,032	31	10,517
FLOOR HAND, MMS	37	34	91.9	1,034,457	66	15,674
FLOOR LAY I COR	1	1	100.0	N.D	N.D	N.D
FOOD SERVC TECH	41	31	75.6	177,641	50	3,553
FOREST TECH	6	5	83.3	12,432	7	1,776
FS PROFS UPGRAD	2	2	100.0	N.D	N.D	N.D
FS-MODIFIED	2	2	100.0	N.D	N.D	N.D
FUNDAMNTLS,CORR	5	5	100.0	88,668	10	8,867
FUNDTS&K/W-CORR	2	2	100.0	N.D	N.D	N.D
FUNDTS&K-I CORR	26	26	100.0	41,545	52	799
GED	8	6	75.0	45,494	11	4,136
GED PREPARATION	3	2	66.7	N.D	N.D	N.D
HE PROF UPGRAD	7	7	100.0	200,073	14	14,291
HOUSING MAINT/L	1	1	100.0	N.D	N.D	N.D
HOUSING MNT/LBR	76	70	92.1	1,433,045	140	10,236
HVAC & REFRIG.	12	8	66.7	110,195	16	6,887
HVY EQ MODIFIED	2	0	0.0	N.D	N.D	N.D
HVY EQ OP & MNT	9	6	66.7	35,522	10	3,552
HVY EQUIP MECHS	12	9	75.0	89,254	17	5,250
I/M REMOTE	21	16	76.2	285,374	31	9,206
INDS SAFETY REF	18	17	94.4	551,220	34	16,212
INDUS ELEC MAIN	14	13	92.9	195,351	24	8,140
INDUS ELEC, MOD	1	1	100.0	N.D	N.D	N.D
INDUS FIRST AID	11	2	18.2	17,601	3	5,867
INDUS MAIN MECH	6	6	100.0	115,517	12	9,626
INTRO ELEC. NAV	61	49	80.3	502,912	91	5,527
LIFE COPE SKILL	1	0	0.0	N.D	N.D	N.D
LIFEBOAT EXAM	3	2	66.7	N.D	N.D	N.D
LIFEBOATMAN	3	2	66.7	N.D	N.D	N.D
M/M LIMITED	10	6	60.0	64,935	11	5,903
MAC COMPUTER	2	1	50.0	N.D	N.D	N.D
MAINT APPRN-YR3	4	0	0.0	N.D	N.D	N.D
MAINT/WELD COR	1	0	0.0	N.D	N.D	N.D
MAR.SPCL TOPICS	14	6	42.9	76,889	8	9,611
MARINE REFRIG	16	11	68.8	76,585	19	4,031

AVTEC Participants-FY 1997 Post Training Employment and Earnings During Third and Fourth Quarter After Training By Training Program (participants may be in more than one program)						
	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
NEC UPDATE	6	5	83.3	97,712	10	9,771
OUPV/100 TON	10	4	40.0	22,001	8	2,750
PHYSICAL PLANT	6	3	50.0	25,049	5	5,010
PLMBING III COR	2	2	100.0	N.D	N.D	N.D
PLUMBER HELPER	1	1	100.0	N.D	N.D	N.D
PLUMBING I,CORR	7	6	85.7	141,248	12	11,771
PLUMBING II COR	2	2	100.0	N.D	N.D	N.D
PLUMBING/W-CORR	3	2	66.7	N.D	N.D	N.D
POWER PLANT OPR	27	24	88.9	242,539	46	5,273
PRG CONTRL,CORR	1	1	100.0	N.D	N.D	N.D
RADAR OBSERVER	16	7	43.8	106,545	10	10,654
RADAR RECERTIFY	16	6	37.5	155,939	10	15,594
RADAR REFRESHER	25	14	56.0	363,630	27	13,468
REFER TECH CERT	1	0	0.0	N.D	N.D	N.D
REFER TECH EXAM	10	6	60.0	105,203	11	9,564
SAFE SERVE	19	12	63.2	87,128	22	3,960
SAFETY EQ/EMERG	10	9	90.0	72,882	15	4,859
SEAFOOD PROCESS	23	13	56.5	29,572	19	1,556
SHEETMTL II COR	2	2	100.0	N.D	N.D	N.D
SHIPBRD EMR MED	12	9	75.0	94,244	16	5,890
SHTMETAL IV COR	1	1	100.0	N.D	N.D	N.D
SHTMETL III COR	1	0	0.0	N.D	N.D	N.D
SUBSEA REFRESHR	10	8	80.0	378,796	14	27,057
SURFACE REFRESH	103	97	94.2	3,815,734	192	19,874
TECH. READING	3	3	100.0	N.D	N.D	N.D
TECH. WRITING	2	1	50.0	N.D	N.D	N.D
VESSEL OPERATOR	24	19	79.2	83,302	31	2,687
VOCATIONAL MATH	12	6	50.0	18,997	9	2,111
WELDING MOD.	1	1	100.0	N.D	N.D	N.D
WELL CONTROL	21	NA	NA	NA	NA	NA
Note: Earnings data suppressed for training program categories with fewer than five participants. N.D.=Nondiscloseable. Source: Alaska Dept. of Labor, Research and Analysis Section and Alaska Vocational Technical Center.						

University of Alaska Vocational Education Program-Selected Campuses

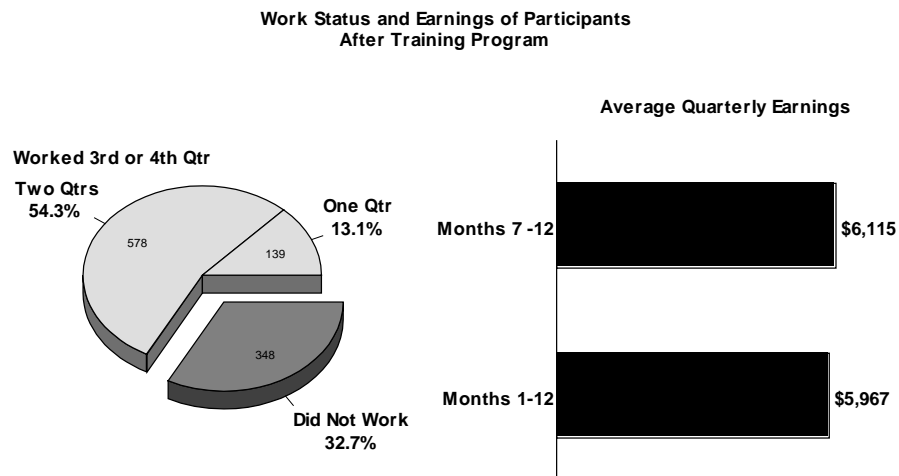
The University of Alaska provided 1,065 records of students participating in vocational education courses at the Mat-Su, Tanana Valley, Juneau, Ketchikan and Sitka campuses who were last enrolled in FY 1997. To be counted as a vocational student, the students must have been enrolled in vocational education courses and completed three or more student credit hours during the year or have been in a certificate or AAS degree program or have received a certificate or AAS degree. These students represent approximately one third of the University of Alaska vocational education students last enrolled in FY 1997.

Based upon all student records, the vocational program participants had earned a median of 20 credit hours. All students were assumed to have exited the program during the second quarter of calendar year 1997.

More than 91 percent of program participants were identified as residents based upon a match with the 1997 and 1998 permanent fund dividend files. Approximately 57% of the students were female, 73% were white, and 10% Alaska Native/American Indian. The average age of all students was 33.

Outcome Data

- During the third and/or fourth quarter following the student's exit from a vocational program, 67.3% of the program participants were reported as working in wage and salary employment¹. Nearly 75 percent worked in one or more quarters in the year following exit from the program.
- For those that were employed, the program participants earned an average of \$6,115 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program former students earned an average of \$5,967 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$15.6 million.



University of Alaska Vocational Education Students-FY 1997 Selected Campuses Post Training Wage and Salary Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	1,065	717	67.3	\$7,919,187	1,295	\$6,115
Months 1 to 12	1,065	796	74.7	15,621,675	2,618	5,967
Source: Alaska Dept. of Labor, Research and Analysis Section.						

University of Alaska Vocational Education Students-FY 1997 Selected Campuses Post Training Wage and Salary Employment and Earnings By Campus						
Campus	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12:						
Juneau	193	139	72.0	\$1,531,625	242	\$6,329
Ketchikan	55	39	70.9	420,169	72	5,836
Mat-Su	240	157	65.4	1,646,742	292	5,640
Sitka	142	99	69.7	1,485,151	179	8,297
Tanana Valley	435	283	65.1	2,835,501	510	5,560
Months 1 to 12:						
Juneau	193	154	79.8	3,062,055	497	6,161
Ketchikan	55	42	76.4	842,005	150	5,613
Mat-Su	240	175	72.9	3,140,636	579	5,424
Sitka	142	110	77.5	2,926,644	362	8,085
Tanana Valley	435	315	72.4	5,650,334	1,030	5,486
Source: Alaska Dept. of Labor, Research and Analysis Section.						

University of Alaska Vocational Education Students-FY 1997 Selected Campuses Post Training Wage and Salary Employment and Earnings By Program and Completion Status						
	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12:						
Voc Ed Program Completer	221	156	70.6	\$1,685,681	292	\$5,773
Enrolled-Not Completed	331	213	64.4	1,812,930	375	4,834
Not Enrolled in Voc Ed Program	513	348	67.8	4,420,576	628	7,039
Months 1 to 12:						
Voc Ed Program Completer	221	168	76.0	3,257,093	579	5,625
Enrolled-Not Completed	331	245	74.0	3,614,328	769	4,700
Not Enrolled in Voc Ed Program	513	383	74.7	8,750,255	1,270	6,890
Source: Alaska Dept. of Labor, Research and Analysis Section.						

University of Alaska Vocational Education Students-FY 1997 Selected Campuses Post Training Employment and Earnings During Third and Fourth Quarter After Training By Training Program Category						
Program Categories	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Agricultural Sciences	2	1	50.0	N.D.	N.D.	N.D.
Business Management & Administrative Se	218	139	63.8	\$1,248,706	255	\$4,897
Conservation & Renewable Natural Resour	1	1	100.0	N.D.	N.D.	N.D.
Construction Trades	14	9	64.3	55,962	16	3,498
Education	8	5	62.5	23,586	7	3,369
Health Professions and Related Sciences	74	50	67.6	369,558	87	4,248
Law and Legal Studies	31	18	58.1	174,266	35	4,979
Marketing Operations/Marketing and Dist	7	4	57.1	15,915	6	2,653
Mechanics and Repairers	50	37	74.0	408,890	66	6,195
Multi/Interdisciplinary Studies	3	3	100.0	N.D.	N.D.	N.D.
Personal and Miscellaneous Services	12	4	33.3	19,670	8	2,459
Precision Production Trades	5	2	40.0	31,056	4	7,764
Protective Services	67	52	77.6	650,436	93	6,994
Transportation & Materials Moving Worke	7	6	85.7	18,726	11	1,702
Undeclared or Non-Degree Seeking	558	382	68.5	4,799,328	689	6,966
Vocational Home Economics	8	4	50.0	\$44,243	8	\$5,530
Note: Earnings data suppressed for training program categories with fewer than five participants. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- During the third and fourth quarter following training, 70.4% of those employed were working in the private sector, 14.9% in state government and 14.6% in local government.
- During the third and fourth quarter following training, 32.6% were employed in Fairbanks, 17.0% in Juneau, 14.3% in Anchorage and 13.6% in Mat-Su.

Health and Social Services JOBS Program for FY 1996

Note: Health and Social Services implemented the Alaska Temporary Assistance Program July 1, 1997, therefore FY 1996 JOBS program data was examined.

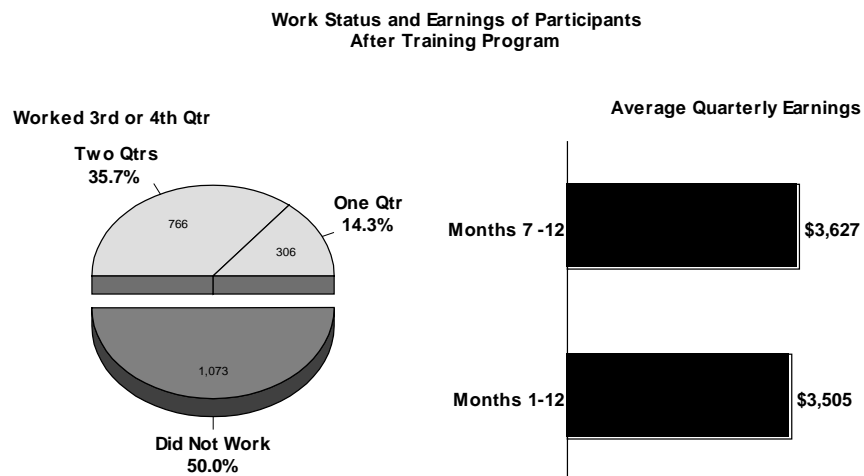
The Job Opportunity and Basic Skills (JOBS) program was designed to help families receiving Aid to Families With Dependent Children (AFDC) become self-supporting and maintain work through participation in basic education, skills training and other activities geared toward the attainment of self-sufficiency. Many different services were available to JOBS participants to allow them to engage in JOBS activities and to prepare for and pursue employment. Services included literacy testing, basic education, vocational training and case management services designed to identify and address barriers to employment. JOBS also provided supportive services such as child care and transportation needed to support participation in JOBS activities.

Because of limited resources, not all adult AFDC recipients were required to participate in JOBS activities. Participants were targeted based on several criteria, such as educational level and length of time on assistance.

In FY 1996, a total of 2,145 participants exited the JOBS program. The average age of all participants was 31. About 65 percent of participants were female.

Outcome Data

- During the third and/or fourth quarter following their exit from the JOBS program, 50 percent of the program participants were reported as working in wage and salary employment¹.
- Employed program participants earned an average of \$3,627 per quarter during the third and fourth quarter following exit from the program.
- During the twelve months following exit from the JOBS program, 60.8% of the participants worked one or more quarters of the year and earned an average of \$3,505 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$13.1 million.



Health and Social Services JOBS Program Participants-FY 1996						
Post Program Employment and Earnings						
Months after Exiting Program	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	2,145	1,072	50.0	\$6,667,208	1,838	\$3,627
Months 1 to 12	2,145	1,304	60.8	13,076,020	3,731	3,505
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- 91.5% of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 52.0% of those working were employed in Anchorage, 14.7% in Fairbanks, 10.9% in Kenai, 8.1% in Mat-Su and 4.6% in Ketchikan.

Department of Labor NAFTA/TAA Program

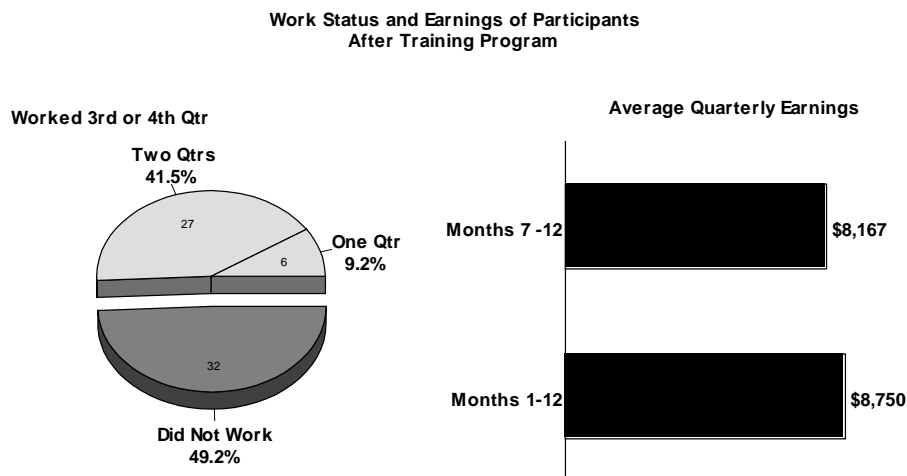
Trade Adjustment Assistance (TAA) is a federal entitlement program which offers help to workers who lose their jobs or whose hours of work and wages are reduced as a result of increased imports from Canada or Mexico. Under the Trade Act of 1974, as amended, workers whose employment is adversely affected by increased imports may apply for TAA, which offers a variety of benefits and reemployment services to help unemployed workers prepare for and obtain suitable jobs. Under the North American Free Trade Agreement Act (NAFTA), signed into law on December 8, 1993, a specialized NAFTA-TAA program was established which took effect on January 1, 1994. NAFTA-TAA is a transitional program that combines the aspects of two programs that have been in effect for many years:

- The Economic Dislocation and Worker Adjustment Assistance Act (EDWAA), under Title III of the Job Training Partnership Act (JTPA) and ;
- The Trade Adjustment Assistance (TAA) program, under the Trade Act of 1974.

In FY 1997, a total of 65 individuals with social security numbers were identified as exiting from the program. The average age of program participants was 41 in FY 1997. 82.5% of the participants were male.

Outcome Data

- During the third and/or fourth quarter following their exit from the NAFTA/TRA program, approximately 51 percent of the program participants were reported as working in wage and salary employment in Alaska¹.
- For those that were employed, the program participants earned an average of \$8,167 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 55.4% of the participants worked one or more quarters of the year and earned an average of \$8,750 per quarter worked.
- Total Alaska wage and salary earnings for participants in the year following exit from the program were approximately \$1.06 million.



NAFTA/TRA Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	65	33	50.8	\$490,043	60	\$8,167
Months 1 to 12	65	36	55.4	1,058,711	121	8,750
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- 88 percent of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 27.6% of those working were employed in Ketchikan, 20.7% in the Northwest Arctic Borough and 17.2% in Wrangell-Petersburg.

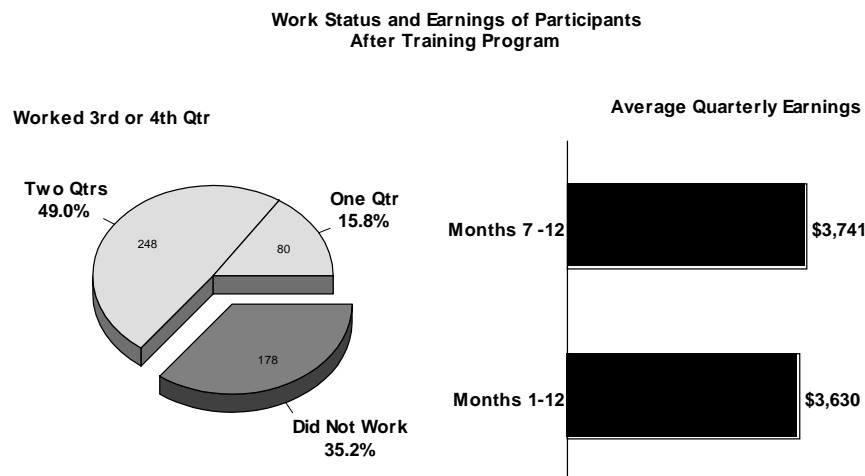
JTPA-Title II-A

The JTPA Title II-A adult training program prepares adults for participation in the labor force by increasing their occupational and educational skills. Training provided to participants includes remedial education, on-the-job training, job counseling, and assessment of the skill levels and service needs of participants. The targeted population is the economically disadvantaged age 22 or older.

In FY 1997, a total of 506 individuals with social security numbers were identified as exiting from the JTPA Title II-A program. Nearly 66 percent of the participants were female.

Outcome Data

- During the third and/or fourth quarter following their exit from the program, 64.8% percent of the program participants were reported as working in wage and salary employment¹. (The national average goal for percent employed thirteen weeks after exit from the program, adjusted for local economic factors, is 59.0%).
- For those that were employed, the program participants earned an average of \$3,741 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from the program, 75.7% of the participants worked one or more quarters of the year and earned an average of \$3,630 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$4.2 million.



JTPA Title II-A Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	506	328	64.8	\$2,155,044	576	\$3,741
Months 1 to 12	506	383	75.7	4,207,681	1,159	3,630
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- 80.5% of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 31.9% of those working were employed in Anchorage, 8.6% in Northwest Arctic Borough, 8.6% in Yukon-Koyukuk and 6.3% in Mat-Su.

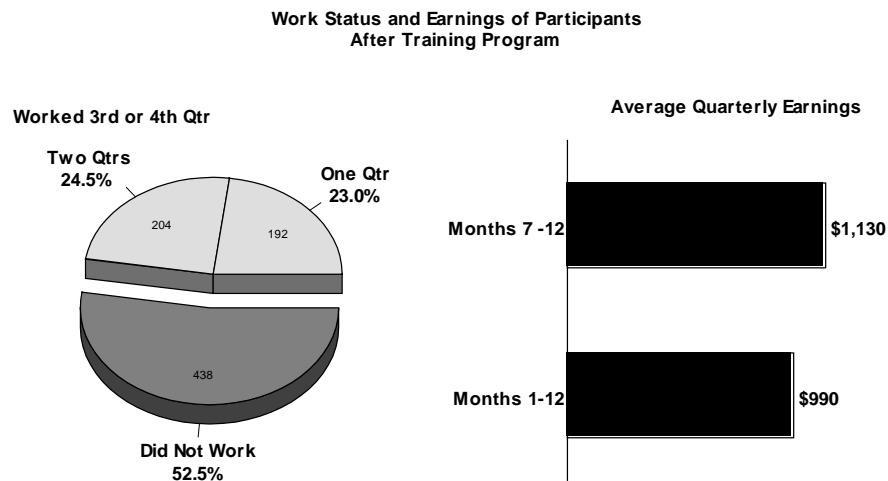
JTPA-Title II-B

The JTPA Title II-B summer youth employment and training program is designed to enhance basic education skills, encourage school completion, provide exposure to work and enhance citizenship skills. The targeted population is economically disadvantaged youth age 14 to 21.

In FY 1997, a total of 834 individuals exited the training program. Participants had an average age of 17 with 53.5% of them male and 46.5% female.

Outcome Data

- During the third and/or fourth quarter following their exit from the JTPA Title II-B summer youth employment and training program, 47.5% of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$1,130 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 55.6% of the participants worked one or more quarters of the year and earned an average of \$990 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$1 million.



JTPA II-B Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	834	396	47.5	\$678,031	600	\$1,130
Months 1 to 12	834	464	55.6	992,542	1,003	990
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- 76.3% of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 36.0% of those working were employed in Anchorage, 12.9% were employed in Fairbanks, 8.5% in Yukon-Koyukuk, 6.9% in Bethel, and 6.3% in Nome.

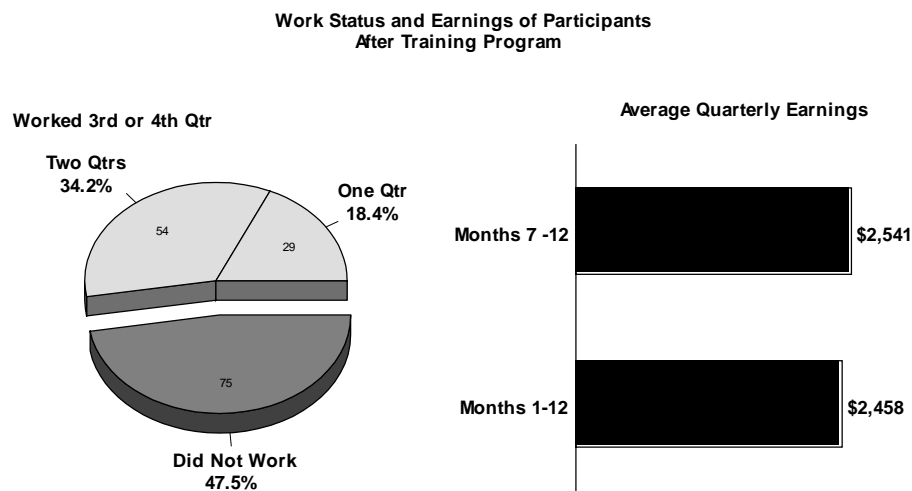
JTPA-Title II-C

The JTPA Title II-C youth training program is designed to improve long term employability, enhance skills, encourage school completion, and increase employment and earnings. In addition, the program seeks to reduce welfare dependency, assist with making the transition from school to work, military, apprenticeship or postsecondary education and training. The targeted population is economically disadvantaged youth age 16 to 21.

In FY 1997, a total 158 individuals with social security numbers were identified from JTPA training program records. The average age of JTPA II-C program participants was 20 in FY 1997.

Outcome Data

- During the third and/or fourth quarter following their exit from a JTPA II-C training program, 52.5% percent of the program participants were reported as working in wage and salary employment¹. (The national average goal for percent employed immediately upon exit from the program, adjusted for local economic factors, is 41.0%).
- For those that were employed, the program participants earned an average of \$2,541 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 63.9% of the participants worked one or more quarters of the year and earned an average of \$2,458 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$676,000.



JTPA II-C Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	158	83	52.5	\$348,067	137	\$2,541
Months 1 to 12	158	101	63.9	\$675,935	275	\$2,458
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

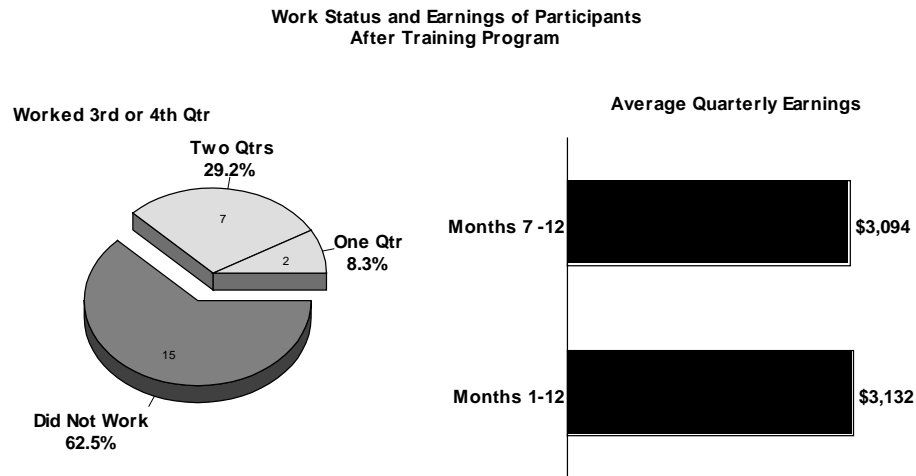
- 89.2% of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 32.4% of those working were employed in Anchorage, 14.1% in Fairbanks, 9.9% in Kenai, 8.5% in Bethel.

JTPA II-A-5% Older Individuals Program

This program provides outreach and recruitment for older workers interested in employment. Senior Employment Counselors recruit eligible clients, provide assessment and counsel them on appropriate employment choices. Participants must be 55 years of age and older and must meet JTPA income guidelines. In FY 1997, a total of 24 individuals were identified as participating in the Older Individuals Program.

Outcome Data

- During the third and/or fourth quarter following their exit from the program, 37.5% of the program participants were reported as working in wage and salary employment¹. (The national average goal for percent employed immediately upon exit from the program, adjusted for local economic factors, is 56.0%).
- For those that were employed, the program participants earned an average of \$3,094 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 37.5% of the participants worked one or more quarters of the year and earned an average of \$3,132 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$113,000.



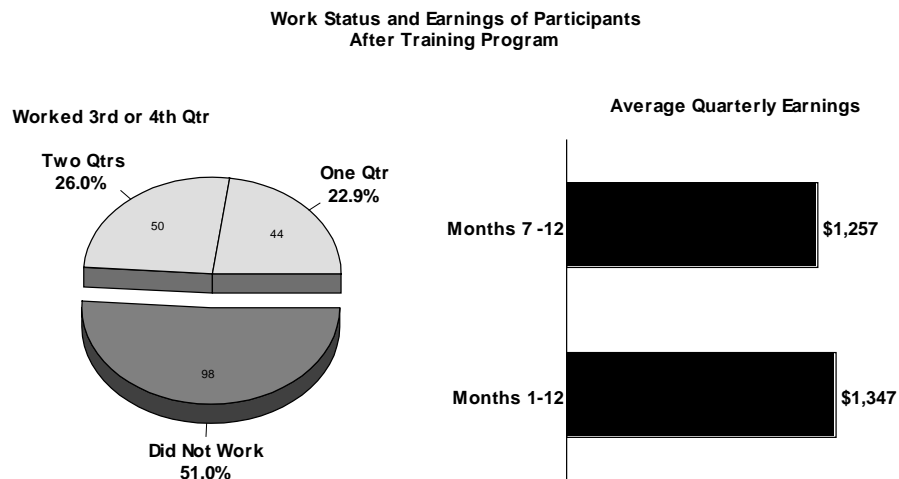
JTPA Older Individuals Program Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	24	9	37.5	\$49,508	16	\$3,094
Months 1 to 12	24	12	37.5	112,763	36	3,132
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

JTPA-8% Vocational Education

In FY 1997, a total of 192 individuals with social security numbers were identified as exiting from the JTPA 8% Vocational Education program. The participants had an average age of 18 and were nearly equally divided between males and females.

Outcome Data

- During the third and/or fourth quarter following their exit from the JTPA 8% Voc. Ed. training program, 49.0% of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$1,257 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 63.0% of the participants worked one or more quarters of the year and earned an average of \$1,347 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$373,000.



JTPA 8% Voc. Ed. Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	192	94	49.0	\$181,080	144	\$1,257
Months 1 to 12	192	121	63.0	373,080	277	1,347
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

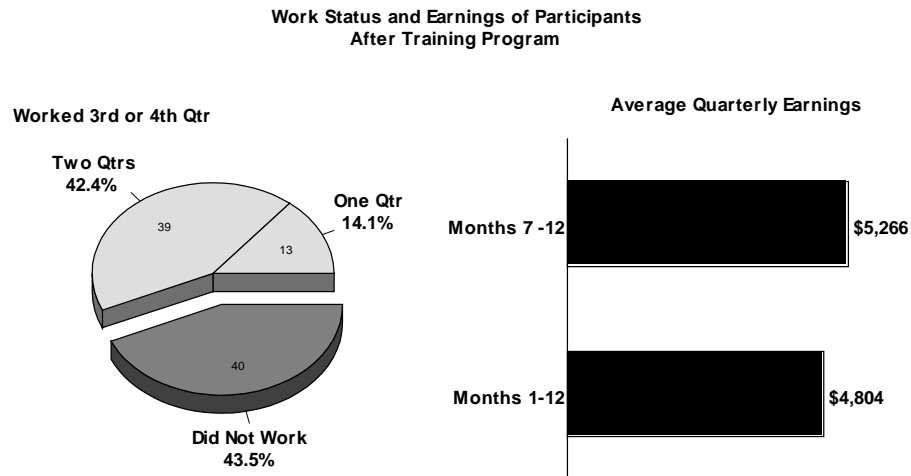
- Approximately 80 percent of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 33.3% of those working were employed in Bethel, 25.0% in Fairbanks, and 10.0% in Mat-Su.

JTPA-Secretary's National Reserve

In FY 1997, a total of 92 individuals were identified as participating in the Secretary's National Reserve program.

Outcome Data

- During the third and/or fourth quarter following their exit from the training program, 56.5% of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$5,266 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 58.7% of the participants worked one or more quarters of the year and earned an average of \$4,804 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$792.6 thousand.



JTPA Secretary's National Reserve Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	92	52	56.5	\$479,164	91	\$5,266
Months 1 to 12	92	54	58.7	792,622	165	4,804
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- 71.2% of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 51 percent of those working were employed in Wrangell-Petersburg.

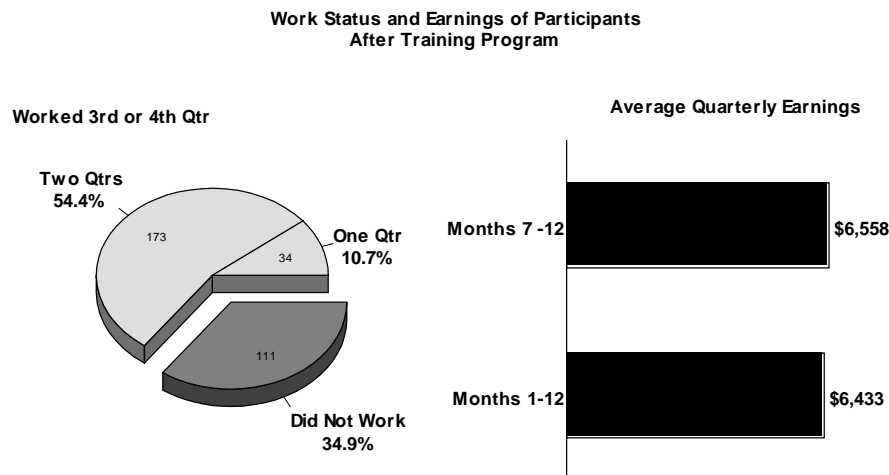
JTPA-Title III

Title III Employment and Training Assistance for dislocated workers tailors employment and training services to meet the needs of dislocated workers. The program focuses on early readjustment for workers and firms facing substantial layoffs. Readjustment services include job or career counseling, testing, orientation, and job placement assistance. Retraining services can include classroom, occupational skills, on-the-job training and relocation.

In FY 1997, a total of 318 Title III program participants were identified from training program records. The average age of program participants was 40 in FY 1997. More than 58 percent of the participants were male.

Outcome Data

- During the third and/or fourth quarter following their exit from the Title III program, 65.1% of the program participants were reported as working in Alaska wage and salary employment¹. (The national average goal for percent employed immediately upon exit from the program, adjusted for local economic factors, is 72.0%).
- For those that were employed, the program participants earned an average of \$6,558 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 72.3% of the participants worked one or more quarters of the year and earned an average of \$6,433 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$5.0 million.



JTPA Title III Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	318	207	65.1	\$2,492,027	380	\$6,558
Months 1 to 12	318	230	72.3	5,030,336	782	6,433
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- 86.5% of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 33.5% of those working were employed in Anchorage, 16.0% in Fairbanks, 6.2% in Wrangell-Petersburg, 5.7% in Ketchikan and 5.2% in Juneau.

State Training and Employment Program (STEP)

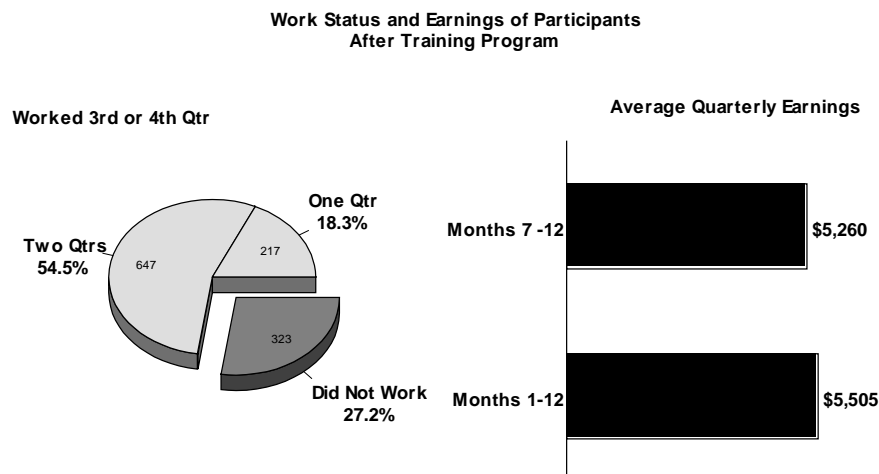
The STEP program, is managed by the Department of Community and Regional Affairs through the Job Training Partnership Office. The program, funded from the Alaska unemployment insurance trust fund from contributions by employees, is designed to reduce future claims against unemployment insurance trust fund, foster new jobs and increase training opportunities to those workers affected by fluctuations in the state economy or technological changes in the workplace.

In FY 1997, a total 1,187 individuals with social security numbers were identified as exiting the program. The average age of STEP program participants was 38 in FY 1997. Slightly more than 63 percent of the participants were male. Approximately 54 percent of the participants were white while 30 percent were Alaska Native/American Indians.

For a comprehensive review of the STEP program see *State Training and Employment Program-Program Review for FY96-FY98, Alaska Department of Labor, Research and Analysis, January, 1999*.

Outcome Data

- During the third and/or fourth quarter following their exit from the STEP program, 72.8 percent of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$5,260 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 84.8% of the participants worked one or more quarters of the year and earned an average of \$5,505 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$17.7 million.



STEP Participants-FY 1997 Post Training Employment and Earnings						
Months after Exiting Training	Total Participants	Alaska Employed	Percent of Participants Employed	Total Earnings	Total Quarters Worked	Average Earnings Per Quarter
Months 7 to 12	1,187	864	72.8	\$7,947,468	1,511	\$5,260
Months 1 to 12	1,187	1,006	84.8	17,661,434	3,208	5,505
Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Dept. of Labor, Research and Analysis Section.						

Other Worker Characteristics

- 86.2% of those employed during the third and fourth quarter following training were employed in the private sector.
- During the third and fourth quarter following training, 27.2% of those working were employed in Anchorage, 1.6% in Fairbanks, 7.5% in Bethel, and 7.1% in the North Slope Borough.

¹ Program participant data was matched with Department of Labor wage file records in order to determine the employment and earnings history of the participant. Not all individuals that are working can be identified from wage file records. Federal government workers, self-employed workers and those that have left Alaska may be working but are not captured in this record matching process.

² The Occupational Data Base is a file of historical unemployment insurance wage records containing occupation and place of work information for each worker. Data is provided by employers on a quarterly basis.